

19990524.qrp v01_n467.qrl.990524

Date: Mon, 24 May 1999 19:03:25 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1467

QRP-L Digest 1467

Topics covered in this issue include:

- 1) [41212] Re: ARCI Hootowl Sprint
by Bob Hightower <ki7mn@extremezone.com>
- 2) [41213] Fwd: Re: ARCI Hootowl Sprint
by Bob Hightower <ki7mn@extremezone.com>
- 3) [41214] W4WHN to C020J qrp, PSK-31 contact
by jaywa5whn@juno.com
- 4) [41215] Re: SK
by sda <sda@bellsouth.net>
- 5) [41216] New webside: 80m W-DL QRP DX-Test Core Banks
by Michael <mike_mhe@compuserve.com>
- 6) [41217] RE: C020J is OScar ! Not Arnie ... I am C02KK
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
- 7) [41218] Common Sense About SWR
by "Ken & Linda Burrough" <ne0c@1st.net>
- 8) [41219] Hall of Fame!
by Bob Kellogg <ae4ic@nr.infi.net>
- 9) [41220] Ballpark portable - QRZ umpires
by James R Giammanco <n5ib@juno.com>
- 10) [41221] Fireball Run Results de WQ2RP
by Ken Newman <N2CQ@citnet.com>
- 11) [41222] K2 and proper soldering equipment
by "Glenn & Erin Maclean" <maclean@ix.netcom.com>
- 12) [41223] FW: Screwdriver antenna
by "George Goodroe" <goodroe@worldnet.att.net>
- 13) [41224] FIREBALL afternoon
by S LYON <sslyon@worldnet.att.net>
- 14) [41225] SST
by Ron <rong@slip.net>
- 15) [41226] Re: Anyone doin' 17m?
by frank lauri <qrpp@yahoo.com>
- 16) [41227] sweep tube question 6KD6 not qrp
by "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
- 17) [41228] Weak Signal Work on a computer
by Chuck Adams <adams@ticnet.com>
- 18) [41229] Re: SV: SK's - what now?
by Elekktron1@aol.com
- 19) [41230] Re: SV: SK's - what now?

by Ron Stark <ku7y@dri.edu>
20) [41231] ARCI Hootowl Sprint Rules (Repost)
by Joe Gervais <vole@primenet.com>
21) [41232] QRPTTF '99: Last call for logs!
by Joe Gervais <vole@primenet.com>
22) [41233] Ft. Tuthill QRP 'Fest - Building Contest Added
by Joe Gervais <vole@primenet.com>
23) [41234] SPRING BOUQUET --- FLOWER STATION (VE6EWM) May 19th '' LOG''
by Earl Murphy <earlmurf@telusplanet.net>
24) [41235] Y2K on 40 last night???
by RangerSF5@aol.com
25) [41236] Re: Hamsticks
by Peter Demmer <ampruss@hits.net>
26) [41237] is the sun gonna explode?
by Mighty Mik <mitymik@hooked.net>
27) [41238] VE3DNL/FSQC KIT
by Jay Bromley <w5jay@alltel.net>
28) [41239] Re: Weak Signal Work on a computer
by John R Kirby <n3aaz-qrp@juno.com>
29) [41240] RE:Popular Electronics SWL Stations
by Bcieslak@ra.rockwell.com
30) [41241] Swap MFJ9040 for 9030 or 9020 ?
by WB9MII@aol.com
31) [41242] QRPP 2N2/40 Article Corrections
by "Jim Kortge, K8IQY" <jokortge@cwix.com>
32) [41243] Popular Electronics "WPE" SWL calls
by WB9MII@aol.com
33) [41244] Re: Weak Signal Work on a computer
by "Vincent Ferme" <vferme@sprint.ca>
34) [41245] Fun with my NC20
by "Edward A Kwik jr" <eakwikjr@hti.com>
35) [41246] WB0WQS de WB5QYT
by tom whalen <wb5qyt@eFortress.com>
36) [41247] Clubs and vendors: I need your info (please)
by "John Burnley" <burnley-ia@worldnet.att.net>
37) [41248] Re: test
by "Fred DeVries" <fred.devries@mindspring.com>
38) [41249] Wanted: Low cost antenna tuner for HF (40m) QRP use only
by "Fred DeVries" <fred.devries@mindspring.com>
39) [41250] Glacier/Waterton Hamfest-QRP- (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
40) [41251] RE: Software for RTTY with Sound Card ?
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
41) [41252] RE: Propagation on 15 meters
by "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
42) [41253] Best 2MHz SW Band?
by Bruce Kizerian <kizerian@ced.utah.edu>
43) [41254] Re: Software for RTTY with Sound Card ?

- by Bill Jones <kd7s@psnw.com>
- 44) [41255] Annouincement: 2N/40 Silkscreened Boards - \$5.00!
by Brian Kassel <bkassel@dancris.com>
- 45) [41256] Re: Best 2MHz SW Band?
by "Vincent Ferme" <vferme@sprint.ca>
- 46) [41257] Re: Best 2MHz SW Band?
by "Bryan Turner" <turnerw@email.uah.edu>
- 47) [41258] Re: Best 2MHz SW Band?
by Phil Wheeler <w7ox@mindspring.com>
- 48) [41259] >How to Grow a Hobby< (short)
by John R Kirby <n3aaz-qrp@juno.com>
- 49) [41260] Re: Best 2MHz SW Band?
by Chris Trask <ctrask@primenet.com>
- 50) [41261] Re: Best 2MHz SW Band?
by Rod Cercone <rlc@frii.com>
- 51) [41262] Re: >How to Grow a Hobby< (short)
by Stephan Greene <sgreene@patriot.net>
- 52) [41263] NC40A trouble
by Allan G Taylor <k7gt@qsl.net>
- 53) [41264] Miles per watt &c stuff
by "Mel Evans, Arachne User" <melGM6JAG@bccscotland.freemove.co.uk>
- 54) [41265] Re: K2 and proper soldering equipment
by "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>
- 55) [41266] Re: Dr. Megacycle's Feedline Primer (long)
by "Carl Zmola" <zmola@campbellsci.com>
- 56) [41267] RE: Weak Signal Work on a computer
by "George Goodroe" <goodroe@worldnet.att.net>
- 57) [41268] WPX
by Ron Stark <ku7y@dri.edu>
- 58) [41269] Re: >How to Grow a Hobby< (short)
by "David P. Drake" <dpd@dtpx2.ncifcrf.gov>
- 59) [41270] Power Supply Problem with NC40A
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 60) [41271] Re: CB to 10, Uniden PC122XL SSB rig
by "Carl Zmola" <zmola@campbellsci.com>
- 61) [41272] More K2 delays.
by Fred Bennett N9TA <N9TA@worldnet.att.net>
- 62) [41273] Help!! trouble shooting MFJ-207. Schematic wanted.
by Randy Randall <RANDALLR@Healthall.com>
- 63) [41274] Re: K2 and proper soldering equipment
by Michael Maiorana <mikemo@ibm.net>
- 64) [41275] RE: Weak Signal Work on a computer
by Stephan Greene <sgreene@patriot.net>
- 65) [41276] Re: >How to Grow a Hobby< (short)
by "Mike Silva" <mjsilva@jps.net>
- 66) [41277] Re: CB to 10, Uniden PC122XL SSB rig
by "Carl Zmola" <zmola@campbellsci.com>
- 67) [41278] QRP-1 Archive CD

by David J Adams <adamsclan@netgate.net>
68) [41279] Regen Building Progress
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
69) [41280] RE: Weak Signal Work on a computer
by Jim Lyons <lyons@canada.com>
70) [41281] Traveler RX kit.
by wd8civ@att.net
71) [41282] Re: Best 2MHz SW Band?
by "Graham Firth" <Graham.Firth@BTinternet.com>
72) [41283] DX-70TH QRP Adjustment/MOD?
by Bradley Mitchell <wb8ygg@yahoo.com>
73) [41284] Ft. Smith QRP Group Kit, AZ ScQRPions 2N2/40 Board Kit
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
74) [41285] Re: Announcement: 2N/40 Silkscreened Boards - \$5.00!
by Chuck Adams <adams@ticnet.com>
75) [41286] Re: Best 2MHz SW Band?
by david fouchey <dafouchey@home.com>
76) [41287] Re: Announcement: 2N/40 Silkscreened Boards - \$5.00!
by Bob Hightower <ki7mn@extremezone.com>

Date: Sun, 23 May 1999 16:10:32 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [41212] Re: ARCI Hootowl Sprint
Message-ID: <199905232303.QAA15995@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Thanks to all for the info on the rules. Got 'em.
72,73
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Sun, 23 May 1999 16:15:15 -0700
From: Bob Hightower <ki7mn@extremezone.com>
To: qrp-l@lehigh.edu
Subject: [41213] Fwd: Re: ARCI Hootowl Sprint
Message-ID: <199905232308.QAA16730@enterprise.extremezone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Ron KU7Y suggested this be posted to the group, for those others who don't have it:

```
>
> To: ki7mn@extremezone.com=20
> Date: Sun, 23 May 1999 15:50:00 +0000=20
> Subject: Re: ARCI Hootowl Sprint=20
> X-Mailer: Juno 2.0.11=20
> From: Mark R Milburn=20
>
>
>
> On Sun, 23 May 1999 12:38:29 -0700 Bob Hightower <ki7mn@extremezone.com>
> writes:
> >Anyone seen the rules for the ARCI Hootowl Sprint May 30? Not on the=20
> >ARCI
> >contest page.
> >72,73
> >Bob Hightower KI7MN
> >
> ><http://www.extremezone.com/~ki7mn>http://www.extremezone.com/~ki7mn
> >
> - - - - -
> Yup, here they are:
>
> ARCI Hootowl Sprint
>
> Date/Time:=A0 May 30, 1999;=A0 8:00 PM to Midnight (LOCAL TIME).
> =A0=A0=A0=A0=A0=A0=A0=20
> =A0=A0=A0=A0=A0=A0=A0 NOTE: DX OPS (Incl. HI/AK) WORK *ANY* 4 CONTIGUOUS=
HOURS
> =A0=A0=A0=A0=A0=A0=A0 between May 31 0001Z-0700Z
>
> Mode/Bands:=A0 HF CW. Work stations once per band for QSO/SPC credit.
>
> Categories:
>
> =A0=A0=A0=A0=A0=A0 - All-Band
> =A0=A0=A0=A0=A0=A0 - Single Band (Specify)
> =A0=A0=A0=A0=A0=A0 - High Bands (20M and higher)
> =A0=A0=A0=A0=A0=A0 - Low Bands (40M and lower)
> =A0=A0=A0=A0=A0=A0 - Multi-Op
> =A0=A0=A0=A0=A0=A0 - DX
>
> Exchange:=A0 RST, State/Province/Country, ARCI# (non-members send power
> out).
>
```

```

> QSO Points:
>
> =A0=A0=A0=A0 - Member =3D 5 pts.
> =A0=A0=A0=A0 - Non-Member, Different Continent =3D=A0 4 pts.
> =A0=A0=A0=A0 - Non-Member, Same Continent =3D=A0 2 pts.
>
> Multiplier:
>
> =A0=A0=A0=A0 - SPC totals per band.
> =A0=A0=A0=A0 - Power:=A0 >5W =3D X1, 1W-5W =3D X7, 250mW-<1W =3D X10,=
<250mW =3D X15.
>
> Score:
>
> =A0=A0=A0=A0 QSO Points X SPC Total X Power =3D Final Score
>
> Entries:
>
> =A0=A0=A0=A0 Entry must include copy of log and completed summary sheet.
> =A0=A0=A0=A0 Include name, QTH, callsign(s) of op(s), and station=
description.
> =A0=A0=A0=A0 Entries must be received within 30 days of contest date.
> =A0=A0=A0=A0 Email ASCII-text logs to <vole@primenet.com> or mail to:
> =A0=A0=A0=A0=20
> =A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0 Joe Gervais, AB7TT
> =A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0 ATTN: Hootowl Sprint
> =A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0 PO Box 322
> =A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0=A0 Peoria, AZ=A0 85380-0322
>
> =A0=A0=A0=A0 All decisions of the Contest Critter are final. Unless you
> =A0=A0=A0=A0 have pizza to offer, in which case I'm always listening. ;-)
>
>
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at
> <http://www.juno.com/getjuno.html>http://www.juno.com/getjuno.html
> or call Juno at (800) 654-JUNO [654-5866]

```

72,73

Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

Date: Sun, 23 May 1999 17:13:38 -0600
From: jaywa5whn@juno.com
To: qrp-1@lehigh.edu
Subject: [41214] W4WHN to C020J qrp, PSK-31 contact
Message-ID: <19990523.171342.-993549.0.jaywa5whn@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After the 4th message had arrived congratulating me on the QRP PSK-31 2 meter contact with C020J, I was beginning to wonder if it was some kind of joke. 8~\

The station that actually made contact with Arnie was W4WHN {that's not my callsign}, PSK-31, QRP on 2 meters. I have talked to Arnie on 15 meters cw but we never have made contact on 2 meters. Honest, it was not me. I wish it was, but from grid square DM66 to Havana on 2 meters qrp would have been a real record using PSK-31. Hmmm, from Cuba, NM {DM66} to Havana, Cuba would have really been confusing. ;-)

Congratulations to Arnie & W4WHN.

Wahoo! I will be heading to Montana for the Glacier Waterton Hamfest & hiking & camping through Glacier Park. Can't wait.

72...Jay, WA5WHN {The other WHN} DM66pp Ponderosa,
NM USA

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 23 May 1999 18:21:38 -0500
From: sda <sda@bellsouth.net>
To: qrp-1@Lehigh.EDU
Subject: [41215] Re: SK
Message-ID: <199905232309.TAA25498@mail4.lig.bellsouth.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:38 PM 5/23/99 -0400, you wrote:

>Hey Hans...How did you verify that "Death is NO fun".
^^^^^^^^^^^^^^^^^^

Heh. The dead know only one thing...it's better to be alive.
That's my favorite quote from "Full Metal Jacket". Sorry,
I couldn't resist.

72

Todd Atkins, K4MSW
Baton Rouge, Louisiana

<http://www.qsl.net/k4msw>

Date: Sun, 23 May 1999 19:28:52 -0400
From: Michael <mike_mhe@compuserve.com>
To: "Lehigh, Messages" <qrp-1@Lehigh.EDU>
Subject: [41216] New webside: 80m W-DL QRP DX-Test Core Banks
Message-ID: <199905231928_MC2-76CF-1559@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain;
charset=ISO-8859-1
Content-Disposition: inline
Content-Transfer-Encoding: quoted-printable

Hello HAMS and all other Internet-User.

I have build a new webside for the qrp friends and modyfiied
some other pages. Mostly in german language for our non-english fellows,
but perhaps you can get useful info.

My homepage still is:

<http://home.t-online.de/home/mike.mhe/>

!!! The NEW QRP-side with the report USA-DL QRP-DX-Test is: !!!
=

http://ourworld.compuserve.com/Homepages/mike_mhe/qrp02.htm

The english text is zipped and can be load on the computer. It is written in TXT format. =

Some modified pages:
QRP with much infos

http://ourworld.compuserve.com/homepages/mike_mhe/qrp01.htm
<http://home.t-online.de/home/mike.mhe/afu01.htm>

And, lots of links to Amateur-Radio, and all technican related sides, qrp, antennas, and so on:

<http://home.t-online.de/home/mike.mhe/afulink.htm>

Take a look and enjoy.

By the way: ALL html-code is written by HAND, all pictures are taken and designed by myself. No editor or webdesign programs.

One Man, one work.

73, Mike, DF20K

Date: Sun, 23 May 1999 19:42:25 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.EDU>
Subject: [41217] RE: C020J is OScar ! Not Arnie ... I am C02KK
Message-ID: <01ca01bea575\$eb7ac1c0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Confusion about low power PSK31 QSO's on 2 meters...
W4WHN worked C020J Oscar Morales Jr.
Dean is W4WHN in Big Pine Key
They used less than 3 watts and Oscar's antenna,
a 6 element homebrew Yagi was not even
pointing to Big Pine !
Shows that PSK31 is really effective...
BUT,for doing PSK31 you DO NEED a sound card,and
of course , a computer fast enough to handle

the PSK31 software...
SO... it seems like good, old , traditional
CW MORSE CODE is going to keep EL NUMERO UNO,
the first place for QRP work.
Besides that, QRPers in third world countries
usually do not have computers at all, or in
the best cases, they may have slower, older
machines...

SO AMIGOS.. keep practicing CW !

Arnie

Arnie Coro C02KK

Host of Dxers Unlimited

Radio Habana Cuba

e-mail:arnie@radiohc.org

e-mail:inforhc@mail.infocom.etecsa.cu

Postal address:

Prof. Arnaldo Coro Antich

La Torre no.127 entre 35 y 37

Nuevo Vedado, Plaza

Ciudad Habana , 10600

CUBA

Date: Sun, 23 May 1999 19:49:03 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [41218] Common Sense About SWR
Message-ID: <001301bea576\$e60713a0\$2207f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="windows-1257"
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

Hi All

Ron Said:

>I'd like to offer something to help dispell the idea that
a high SWR keeps power from getting to the antenna.....

>Lets see.....I guess I should add that not everyone
agrees with everything that Maxwell had to say!

Maxwell, Sterba and now you are the only ones that know how to tell it =
like it is. But as we know, someone will disagree.

Keep up the good work Ron.

Ken/ne0c
USAF Retired
Flushing, Ohio
ne0c@1st.net

=20

Date: Sun, 23 May 1999 14:25:58 -0700
From: Bob Kellogg <ae4ic@nr.infi.net>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [41219] Hall of Fame!
Message-ID: <37487266.D33D7562@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Congratulations to L. B. Cebik and Paul Harden, who were inducted into the ARCI QRP Hall of Fame at Dayton this year.

Paul and L.B. join a very select group of amateurs who have distinguished themselves by their special service to ham radio and QRP in particular.

We are privileged to enjoy their comments to this list.

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Probably, not Nececelery, - Benny Hill

Date: Sun, 23 May 1999 18:34:50 CDT
From: James R Giammanco <n5ib@juno.com>
To: qrp-l@Lehigh.edu
Subject: [41220] Ballpark portable - QRZ umpires
Message-ID: <19990523.183451.6327.0.N5IB@juno.com>

I had occasion a week ago Saturday to operate my 38 Special portable from behind the rightfield fence at Indian Field at Northeast Louisiana University during the Southland Conference Championship. Almost got hit (on the fly) by a Mackie Waguespack (of Southeastern La U) homerun ball, and I was at least 50 ft behind the (360 sign) fence. Was working WA8KOQ in TN at the time. He was on his 3 W TenTec and had a good chuckle when I had to QRT temporarily. Antenna was an inv vee about 20 ft up a willow tree.

This got me thinking... any other umpires out there who are hams and QRP'ers? Anybody QRV at the park? I'm in my 5th year in blue and work high school down to kid's ball. I'd enjoy hearing from you.. (off the reflector of course)

72 & call 'em like you see 'em

Jim N5IB

ps ... best umpire insult heard to date - "Hey Blue, does your dog have a handle ??"

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or call Juno at (800) 654-JUNO [654-5866]

Date: Sun, 23 May 1999 20:49:32 -0400
From: Ken Newman <N2CQ@citnet.com>
To: QRP-L@lehigh.edu, epaqrp-l@lehigh.edu
Subject: [41221] Fireball Run Results de WQ2RP
Message-ID: <3.0.6.32.19990523204932.008089a0@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

Thanks for the Fireball entries on the Sunday afternoon spin.
The WX being rather poor brought some extra testers. The most often signal today was AA1MY with a solid s 7-9 with his Fireball+. Thanks for hanging in there Seab!
Also heard often was N4UY with his Fireball (or more correctly his daughters little radio). Not strong but there.

Not many QSOs on any band but 10 meters was nil. Worked N0AR on 20 with his 250mw from MN. Also N2CX on 80, the only signal heard on the band. Also heard WB0WQS on 7080 but no QSO. Thanks for the try.

WQ2RP is not in the competition but here was the result on the club station: 210 QSO points x 8 SPCs = 1680.

I'll be looking forward to receiving the Fireball Run logs. The results will be posted on the NJQRP website (below).

72/73 de

Ken Newman - N2CQ

Woodbury, NJ

N2CQ@ARRL.NET

~~~~NJ QRP Club Home Page ~~~~

<http://www.NJQRP.org>

~~~~Club Callsign~~~~

WQ2RP

Date: Sun, 23 May 1999 17:59:57 -0700

From: "Glenn & Erin Maclean" <maclean@ix.netcom.com>

To: <qrp-1@Lehigh.EDU>

Subject: [41222] K2 and proper soldering equipment

Message-ID: <002501bea580\$bee49180\$8bf0d6ce@cessna.texttron.com>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

In anticipation of the arrival of my K2 I am getting my tools ready to put the kit together. I have a Weller WTCPS soldering station. Is this a suitable soldering station to assemble a K2, and if so can anyone tell what part number tip I should use to solder my K2 with? Your help would much be appreciated. There may be others out there with similar questions.

TNX

Glenn WA7SPY Sacramento, CA

Date: Sun, 23 May 1999 21:16:42 -0400

From: "George Goodroe" <goodroe@worldnet.att.net>

To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-1@Lehigh.EDU>

Subject: [41223] FW: Screwdriver antenna
Message-ID: <000201bea583\$1725bac0\$0137fea9@ggoodroe>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello All,

Thanks for all of those who responded to my questions about the Screwdriver Antenna.

High Sierra Antenna sent me their webpage...

<http://www.hsantennas.com>

I'm not affiliated just a possible customer (yadda, yadda, yadda)

73 de KF4CPJ
George Goodroe, QRP-L #1943
St. Petersburg, Florida USA
80 Meter high noise capital of the USA <grin>
<http://home.att.net/~goodroe>
<http://www.qsl.net/kf4cpj>

Date: Sun, 23 May 1999 21:36:50 -0400
From: S LYON <sslyon@worldnet.att.net>
To: qrp chat <qrp-l@Lehigh.EDU>
Subject: [41224] FIREBALL afternoon
Message-ID: <3748AD32.4FAB43FE@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

o.k. so procrastination will get you... case closed.
Managed to poke the board full of the tiniest thingies by 4:15 and out on the deck by 4:30 -where it was raining and of course I forgot to take the cushions in before it started. Have a brew and find all useable alligator clips to hook up battery, key, ant., program P/B switch... Fortunately the deck set has an umbrella. Keyer is going psychotic, traced to really grimey paddle phernortens. TS-830 rx not hearing... the Fireball(+) T-R is a 120db attenuator... so pull the clips and remedy by plugging/unplugging coax from a "T" on the tuner for each "over". Scope

sez i'm getting 350mw out -low but WQ2RP Ken sez FB sig there so have another brew and kick back for Q's Usual S-6-7 noise from 3.8 kv line on 2 sides of our city lot. The 72' (N-S axis)"Sloppy-Sloper-Zepp" at 40'to 20' is nearly even split of the angle, fortunately. Suprised at lo turnout... perhaps wx squelched some plans. Here's the net:

WQ2RP 5/5 to 5/7
K2PQ 5/5
W2SCF 5/5
K1QM 5/7
N2APB/M 5/5 what kind of mobile, George?
N2CX 5/7
N4UY 2/2 thanks for the effort Frank!-barefoot Fireball!!
AA2PF 5/5 30mw!!
WZ2T 5/5

Heard couple of others but not above local noise.
I'm not sure of the score as I don't know what the Q's were using a Fireball. Kind of hard to believe that N4UY was the only one other than me. Comments anyone? It's my first QRPP 'test and fun it was despite the glitches. Fireball is a fun rig and I'll be using it more after de-bug.
72 -s-

--

'Seab' Lyon - AA1MY
Beacon NY USA FN-31
QRP-L 574 ARCI 9253

Date: Sun, 23 May 1999 18:45:11 -0700
From: Ron <rong@slip.net>
To: qrp-l@lehigh.edu
Subject: [41225] SST
Message-ID: <3748AF27.4588@slip.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After aging my sst in a drawer for about one year, I finally got it all together, and what do you know? I works. Now I need time to play with it out in the woods....Anyone have a favorite story about their SST?
Ron KB6GK

Date: Sun, 23 May 1999 19:09:51 -0700 (PDT)
From: frank lauri <qrp@yahoo.com>
To: rwc@frii.com, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41226] Re: Anyone doin' 17m?
Message-ID: <19990524020951.12589.rocketmail@web125.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

hi all....
last week I worked ex8f,4k9w,rv0am and sm4bnz on 17mtrs after 9pm eastern time.5watts and a dipole.plus the band is relatively noise free.

Frank N2IX carmel,ny fn31

--- Rod Cerkoney <rwc@frii.com> wrote:
> Folks:
>
> 17m seems to be perking up. Last night, after 11p
> MDT, I heard stations from
> Sweden, France, Italy & Germany. Almost worked
> JA10SN/7 got a 229 but I was
> just to weak to continue. Setup here: Icom746@5W,
> bent dipole at 20ft.
>
> 15 & 17 were both quite busy last night around 12m,
> MDT.
>
> Today around 12p MDT I heard a Norway station.
>
> ---
> 72/3 Rod, NØRC
> Fort Collins, CO
> arrl, qrp-l, qrp arc, fists, norcal, cqz
> da di dah
>
>

Do You Yahoo!?
Free instant messaging and more at <http://messenger.yahoo.com>

Date: Sun, 23 May 1999 22:29:10 -0400
From: "Paul Norman Craig, Jr." <n3ysi@easy-pages.com>
To: "'qrp-l'" <qrp-l@lehigh.EDU>
Subject: [41227] sweep tube question 6KD6 not qrp
Message-ID: <01BEA56B.B059A020@default>

Help!

I am a vacuum tube challenged enthusiast - a product of the semi-conductors and IC era. I have been given an old FT dx401 to fix up for the club as a spare and need to replace the finals. Does anyone have experience with used tubes - available through Antique Radio Supply. They say they carry the factory specifications for used tubes. What does this mean? Plus they only warrant for ten days, even the new ones. Would this perhaps be due to the common horizontal orientation? Do the filaments tend to sag? I really don't want to spend 80 bucks on new ones if the used (for abt 1/2 the price) will do the job, especially when the warranty is the same. Your humble opinions direct to my address please. Thank you.

The eternally grateful, n3ysi
Paul in Quakertown, PA

Date: Sun, 23 May 1999 21:53:56 -0500
From: Chuck Adams <adams@ticnet.com>
To: qrp-l@lehigh.edu
Subject: [41228] Weak Signal Work on a computer
Message-ID: <3.0.3.32.19990523215356.0068838c@pop3.ticnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Gang,

I don't know that I have seen this group have a posting, so here it is. I'll keep it short.

If you have pretty fast computer, say >200MHz Pentium class or better, and you want to have it doing something useful (some will disagree with this) when you are idle, then go to

<http://setiathome.ssl.berkeley.edu/>

and if interested download the program and
sign up for a chunk of data.

I'm currently working on data from Arecibo
Radio Observatory and it is going to take
about 50+ hours of spare computer time to
work on it.

This is a worldwide project to work through
radio data from outer space for non-random
signals.... ET - phone home.

It is QRP listening indirectly. :-)

And while your computer is doing this you can
get on one of the many bands available to us
and work weaker signals direct.

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

Date: Sun, 23 May 1999 23:04:50 EDT
From: Elekktron1@aol.com
To: hans.sundstrom@telia.com, qrp-1@lehigh.edu
Subject: [41229] Re: SV: SK's - what now?
Message-ID: <b05c772d.247a1bd2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I think Hans is right. We should lay this SK discussion to rest....

Date: Sun, 23 May 1999 20:56:11 -0700 (PDT)
From: Ron Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41230] Re: SV: SK's - what now?
Message-ID: <Pine.SOL.3.96.990523205359.8969D-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sun, 23 May 1999 Elekktron1@aol.com wrote:

> I think Hans is right. We should lay this SK discussion to rest....

Somebody otta say da eulogy. 73? Good DX?

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 23 May 1999 21:26:29 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Cc: vole@primenet.com
Subject: [41231] ARCI Hootowl Sprint Rules (Repost)
Message-ID: <199905240426.VAA26022@usr08.primenet.com>

Howdy Folks,

Was going to repost this on Wednesday, but apparently the Hootowl link on the ARCI website went "feathers-up", so guess I'd better do a few extra announcements. :) Dave's gonna get the link worked out, so you'll also be able to check there. Thanks for the heads-up!

Summary sheet will be posted to the List Thursday too. Haven't seen the light of day in quite awhile, but hope to be back on QRP-L soon, and will figure out a way to squeak in an hour or two of operating next Sunday for the Hootowl Sprint. Assuming I still remember what that big knob on the front of the rig does. *8-)

Be happy, be well!

Cheers de AB7TT,

-Joe, vole@primenet.com, ARCI Contest Critter-At-Large

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

=====

ARCI Hootowl Sprint

Date/Time: May 30, 1999; 8:00 PM to Midnight (LOCAL TIME).

NOTE: DX OPS (Incl. HI/AK) WORK *ANY* 4 CONTIGUOUS HOURS
between May 31 0001Z-0700Z

Mode/Bands: HF CW. Work stations once per band for QSO/SPC credit.

Categories:

- All-Band
- Single Band (Specify)
- High Bands (20M and higher)
- Low Bands (40M and lower)
- Multi-Op
- DX

Exchange: RST, State/Province/Country, ARCI# (non-members send power out).

QSO Points:

- Member = 5 pts.
- Non-Member, Different Continent = 4 pts.
- Non-Member, Same Continent = 2 pts.

Multiplier:

- SPC totals per band.
- Power: >5W = X1, 1W-5W = X7, 250mW-<1W = X10, <250mW = X15.

Score:

QSO Points X SPC Total X Power = Final Score

Entries:

Entry must include copy of log and completed summary sheet.
Include name, QTH, callsign(s) of op(s), and station description.
Entries must be received within 30 days of contest date.
Email ASCII-text logs to <vole@primenet.com> or mail to:

Joe Gervais, AB7TT
ATTN: Hootowl Sprint
PO Box 322
Peoria, AZ 85380-0322

All decisions of the Contest Critter are final. Unless you
have pizza to offer, in which case I'm always listening. ;-)

Date: Sun, 23 May 1999 21:35:06 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [41232] QRPTTF '99: Last call for logs!
Message-ID: <199905240435.VAA26258@usr08.primenet.com>

Howdy Folks,

Final call for QRPTTF logs! Got quite a pile here,
looking forward to getting the results out in the
next issue of QRPP, but any of you stragglers had
better hurry if you want to make the deadline. ;-)

Will email confirmations this weekend to all who
submitted email logs (if you haven't received one
already).

Even have several Taco Bell entries, complete with
photos as requested. ;-) Gonna look nice on the
NorCal website. :)

Logs can be emailed (ASCII-text please!), or you
can snailmail them to:

Joe Gervais AB7TT
ATTN: QRPTTF
PO Box 322
Peoria, AZ 85380

70+ hours of work a week ain't enough - make me happy
and bury me in those logs! :)

Cheers de AB7TT,

-Joe, vole@primenet.com, Random NorCal Contest Critter

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Sun, 23 May 1999 21:48:10 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Cc: vole@primenet.com
Subject: [41233] Ft. Tuthill QRP 'Fest - Building Contest Added
Message-ID: <199905240448.VAA26747@usr08.primenet.com>

Howdy Folks,

My fellow ScQRPions may have already given you all the heads-up, but thanks to the efforts of ScQRPion Jerry (W5JH), the ScQRPions have added a building contest to the Ft. Tuthill fun this July. Too bad there isn't an "Ugliest Construction" or "Most Smoke Released" category or I might have a chance of winning. :-)

For more details on the 'Fest, check out ScQRPion Bob's website: <<http://www.extremezone.com/~ki7mn>>

July 23-25, QRP fun in the mountains of Flagstaff, AZ. Nice and cool at 7,000 ft ASL, and lots of nearby perches for any Bumblebee ops for that Sunday's ARS Flight of the Bumblebees. :)

Hope you can make it out and join us. Great speakers lined up, the infamous Saturday Night QRP BBQ (really small hot dogs ;-)), camping for those looking to get out into the outdoors, rooms with jacuzzis in town for those seeking the comforts of civilization. :) And of course the swapmeet and other general-ham activities.

Friendly QRPers, casual atmosphere, good times. It's everything a beer commercial would try to make you believe life is all about. *8-)

Take care and please keep the ionosphere warm for me! Hoping to get back to a sane schedule ASAP. Miss you guys.... *sniff*

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Sun, 23 May 1999 22:58:03 -0500
From: Earl Murphy <earlmurf@telusplanet.net>
To: qrp-canada@lists.gpfn.sk.ca
Cc: qrp-l@lehigh.edu
Subject: [41234] SPRING BOUQUET --- FLOWER STATION (VE6EWM) May 19th '' LOG ''
Message-ID: <3748CE4B.DA2@telusplanet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Gang:

Thanks to those who found the time to pick a WILD ROSE, last Tuesday.
Flower pickers were a little sparse, perhaps most have their gardening
about done by this time??

| Call | RST(RX) | RST(TX) | SPC | NAME | QRP-C# | (PWR) |
|--------|---------|---------|-----|-------|--------|-------|
| N7DW | 319 | 229 | CA | RUSS | | 5W |
| VE7TUG | 579 | 589 | BC | FRED | ??? | ??? |
| VE5QRP | 559 | 559 | SK | BRUCE | #1 | |
| VE6DV | 559 | 559 | AB | DAVE | #24 | |
| AF4LQ | 549 | 559 | KY | MIKE | #43 | |
| NV4V | 329 | 539 | KY | PETE | #45 | |

THANKS AGAIN!! If you needed a WILD ROSE you won't be disappointed,
wait till you receive your certificate....Was a pleasure to hand the
ROSES out!!

72 and give those FLOWERS lots of TLC...EARL(VE6EWM)QRP-C#6 QRP-L#1076

Date: Mon, 24 May 1999 01:09:15 EDT
From: RangerSF5@aol.com
To: qrp-l@lehigh.edu
Subject: [41235] Y2K on 40 last night???
Message-ID: <9b85d94f.247a38fb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Last night/morning at 0400 UTC while listening to 40-M,I heard a ticking
sound.

Then it started beating just like a clock as it got louder.

I then noticed that the RX noise and CW was fading.
I checked my other rigs and I also heard it on 20 but very quite.
Then the ticking sound got louder and faster.
The Rx went dead and no CW. The whole band just gave a light white noise.
The ticking was going fast then would start to slow down.
After appx. an hour, the ticking was getting slower and slower and now I started to hear some light qrn coming in.
Then CW.
When the ticking was about 1 per every 10 seconds the RX came back to life and CW started rolling in loud again.
This afternoon my neighbor asked me if I was playing around with a new toy. She noticed that her lights were dimming then going bright.
I had the same thing but never thought to see if it was timed with the ticking.
She called the utility company PSE&G and they were only taking emergency calls.
Plus all of their computers were down.
Can any one tell me what may have happened?
Anyone else hear this on 40-M?
Bob
WA2HOQrp <tm>

Date: Sat, 22 May 1999 22:44:57 -1000
From: Peter Demmer <ampruss@hits.net>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41236] Re: Hamsticks
Message-ID: <3747C00A.594@hits.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Roger A. McCarty wrote:

>
> I am re-posting this e-mail QSO to the group for it seems
> pertinent to the objectives of the group i.e.; low power
> mobile operation in the CW portion of the bands
> (Specifically 40 meters) AND the recent thread regarding
> Hamstick antennas. The name of the other party has been
> removed because it was a private correspondence.
>
> Bottom line; According to many responses to my query and my
> experience, you may experience difficulty in achieving
> resonance in the CW portions of 40 meters with a Hamstick.
>

> -----Original Message-----

> From:

> Sent: Thursday, May 20, 1999 3:33 PM

> To: rmccarty@earthlink.net

> Subject: Re: Informal Poll; question

>

> I ordered my 40 meter HamStick from the company, and told

> them if it

> would not go down to 7000 MHz, I would send it back. It

> did, but no one

> who bought them elsewhere could get much out of the phone

> band, and had

> to go buy a different brand whip and trim it down. One

> friend whose

> antenna was not CW useable laid his alongside mine and we

> could not see

> any difference, turns on the spiral, nor length of whip, but

> there was

> somewhere, a difference. One of the great mysteries of our

> time. hi.

>

> <Reply>

> This *IS* interesting. I called "Lakeview Co." to ask what

> may be the problem and all I got was protectionist answers,

> fingers pointing everywhere but at them. I took issue with

> them when they insisted I had to install the capacitor

> mentioned in the instruction sheet and/or a tuner. I

> insisted right back at them that if they market an antenna

> for a specific amateur band, it should resonate at *any* one

> point in that band without add-ons. Seemed to be a foreign

> concept. Adding a 6" tail did indeed allow the antenna to

> resonate at 7.040 which raises the question, why not simply

> make the whip that much longer? Or add One more turn to the

> coil? Oh Well.

>

> Thanks for the note!

>

> Roger KD6CC

Peter wrote; Roger and the gang. I had the same exact experience from the folks at Ham Stick and the exact same problem on the bottom CW end of 40. My whip is also too short even with a much better HB honey-comb coil. My coil is 4" in diameter and tapped at the 6th of 8 turns. The antenna is mounted on a HB swival back bracket high up on the the back-of the cab pipe rack. This swival is pin locked in either the vertical of laid back locked down horizontal position. This system is so that I can get the truck in the garage. The shunt capacitor didn't work at all. My coil does.

The rig is a Ten Tec 555 and the key is my HB iambic infer-red beam splitter keyer. The electronic keyer is built into the 555. Oh yah, the platform is a pumpkin orange 76 Ford F100 P/U. In Hawaii no need for other then 30 MPH A/C so I gutted all the A/C heater and blower pleminun and associated control panel linkage stuff. Now I have room to actually sit on the floor with my back to the fire wall. Thusly, I installed the 2 meter rig KDK where the AM/FM (can you beleive I trashed out an old 8 track) used to be and installed a nice Audio-vox AM/FM with tape deck above and where all the gutted and trashed A/C blower vent lever controls were located. There is still so much room back up under there.

With the 2 meter Gam whip simularly mounted on the drivers side and the ham Stick on the co-pilots side the truck looks like a punkin orange porcupine. OBTW, the interior is mint condition and the apolstery is tangerine orange. The guy who did the job was fresh out of punkin or mint and besides, the thick peal tangerine material was left-over and on sale.

TNX again for the bandwidth. Yes it has a 300 L (6) engine, a C-4 rear end, automatic, 16" wranglers and nobody questions who has the right-away in any intersection. They some how just know its all Detroit Iron. Aloha Peter KH6CTQ

Date: Sun, 23 May 1999 22:37:54 -0700
From: Mighty Mik <mitymik@hooked.net>
To: "qrp-l@Lehigh.EDU" <qrp-l@Lehigh.EDU>
Subject: [41237] is the sun gonna explode?
Message-ID: <3748E597.6F44D6CC@hooked.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; x-mac-type="54455854"; x-mac-creator="4D4F5353"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

the low point in this mini-cycle is as high as the high in last months mini-cycle...so what will the peak be?

wish i had better gear for 6 meters...

--

@@

72/73 de Mick, WD8MNV/6 QRP-L #1673 QRP-C #118 ZOMBIE #441

NC20 SWL40+ ZM-2 DSP-3 rocket scientist and a 6 meter wanna be.
Aeropac #111 Tripoli #3071 Level 2

Date: Mon, 24 May 1999 00:57:38 -0500
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41238] VE3DNL/FSQC KIT
Message-ID: <3748EA52.339AF258@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,
Had a few inquires wondering if we have sold out of the VE3DNL
Marker/Generator kit. The answer is no but, their going fast. We have
a enough boards to start a second run with a delay of a couple of weeks
to get parts. So don't delay. To reserved one send me an e-mail with
your address on it so I can print it out and use it as a label. The
price is \$10.00 plus \$2.00 shipping and handling. Make your check out
to Jay Bromley and send to the address below.

Jay Bromley W5JAY
9505 Bryn Mawr Circle
Fort Smith, Ar. 72908-9276

All the funds raised go to next years QRP forum at the FS Hamfest.
Thanks for all the support!!

73 de w5jay..

Date: Mon, 24 May 1999 08:56:48 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [41239] Re: Weak Signal Work on a computer
Message-ID: <19990524.090011.-174783.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

FYI...

1) More weak signal software is available at
>><http://www.nitehawk.com/rasmit/><<
you do not need a "super" fast computer.

2) A better understanding of doppler can be realized (seen)
while tracking satellites and using some of the correlation software.
You do not need a VHF or UHF set-up since some of the
satellites have an HF beacon to track
(re: >><http://www.amsat.org><<).

3) Some of the software offered is a real time recorder
that will play back at any speed, is ET really out there?
see: HSCW and more at [nitehawk.com](http://www.nitehawk.com)
(sound blaster required).

4) There is also a DSP Exchange.

Weak signal stuff is fun!

72, 73
John
N3AAZ
FM19xa
.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 24 May 1999 08:17:39 -0500
From: Bcieslak@ra.rockwell.com
To: qrp-l@lehigh.edu
Subject: [41240] RE:Popular Electronics SWL Stations
Message-ID: <8625677B.004908F6.00@ramilwsmt01.ra.rockwell.com>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Well I wasn't part of the Popular electronics SWL program but they did have an
influence on my hobby and
eventually my career. They published a series of books called There's adventure
in..... One was based on electronics.

Randy and Sam morrow were the two characters who learned about electronics, radio and TV after tracking down a ham who was disrupting their mom's favorite TV Show. The climax of the book was Randy earning his novice ticket. Great Stuff.

Now...What about the Boys' Life Magazine radio Club??

Brian AE9K

Date: Mon, 24 May 1999 09:35:19 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [41241] Swap MFJ9040 for 9030 or 9020 ?
Message-ID: <59eeaa3a.247aaf97@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I have an excellent condition nearly new MFJ9040 I'd like to swap for an MFJ9030 or 9020. I'm in a condo type place and (in my own experience anyway) that the indoor antenna's don't work well on 40...but I get excellent results on 30 meters and up. I just don't have room for a decent 40 meter antenna. Anyone interested pls reply direct to WB9MII@AOL.COM
Thanks 73
Greg WB9MII
QRP ARCI 9719

Date: Mon, 24 May 1999 09:38:34 -0400
From: "Jim Kortge, K8IQY" <jokortge@cwix.com>
To: qrp-l@lehigh.edu
Subject: [41242] QRPp 2N2/40 Article Corrections
Message-ID: <3.0.1.32.19990524093834.00e51010@mail49.cwix.com>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

Gang....here is an updated list of corrections to the Winter QRPp 2N2/40 article. I'll also put it up on my web page later today.

-----Cut Here-----

Winter QRPP 2N2/40 Article Corrections - V1.1

Page 19 - Capacitor C7 is missing from the drawing. This capacitor (0.2uF) connects between the pad with VCC5/VCC6 and ground. The rig will probably work fine without it, but it should be included.

Page 23 - The connection from transformer T1, pin 4 is missing. Pin 4 should connect to the pad at the junction of capacitors C1 and C2. Without this connection, no input signal will get into the receiver. In addition, transformers T1 and T2 are wound on T37-2 toroids, not FT37-2 cores as shown in the detail insets.

Page 25 - There is a missing pad and parts between the emitter of Q6 and the output, pin 4, of T4. The required emitter resistor is 47 ohms, (R66) and this resistor is in parallel with a 0.2uF capacitor (C18). These parts are also not shown on the schematic, as the schematic is an out-of-date version, but has been updated on the K8IQY web site. (www.tripod.com/k8iqy) The parts list has also been updated to show R66, instead of the duplicate R65 designations in the article version. An alternative to adding R66 is to substitute a 1N4148/1N914 diode for resistor R20, (3.3K) and change resistor R21 (47K) to a 6.5K value. This will provide the correct bias to Q6.

Page 31 - Transistor Q12 is not drawn in the correct orientation, nor are the "c" and "e" labels correct. It should be in the same orientation as Q13, with the base lead going to the original pad, e.g. to the right as shown in the illustration. The collector is soldered to the pad currently labelled as the "e" designation, and the emitter is soldered to the pad currently labelled as the "c" designation. The amplifier will not work with the transistor installed as illustrated. The electrolytic capacitor connecting to the pad containing R37, R38 and the emitter of Q12 is not C38, but C40. Capacitor C38 is already shown connected between the pad containing the center terminal of the volume control, and the pad connected to the base of transistor Q11.

Page 35 - Transformers T12 and T13 are wound on T37-2 toroids, not FT37-2 cores as shown in the detail insets.

Page 37 - Transistor Q17 is a 2N2222A, TO-18 device, not a plastic version as illustrated. The transistor should also use a heatsink. Install Q17 in the same orientation as Q18-Q20 e.g. emitter to the left, base down, and collector right. Update the "NOTES:" section to include Q17 along with Q18-Q20. The Q19 emitter capacitor, labelled as C61, is actually C62. The Q20 emitter capacitor, labelled as C62, is actually C64. The capacitor labelled C56 connecting between

the L7/W17 pad and ground is actually C65.

If anyone finds anything else, please e-mail it to jokortge@cwix.com. Your help is greatly appreciated. Sorry for any inconvenience these errors may have caused.

72 and happy building.....Jim, K8IQY

Date: Mon, 24 May 1999 09:40:13 EDT
From: WB9MII@aol.com
To: qrp-1@lehigh.edu
Subject: [41243] Popular Electronics "WPE" SWL calls
Message-ID: <f14e6683.247ab0bd@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdy folks. I SWL'd in 1970 with a tiny GE AM/FM/SW portable receiver (still have one like it) from a certain department store. had 4-12 Mhz crammed into 2 inches of dial...you know what I mean. I read 60's and early 70's vintage Popular Electronics and loved it. When I got around to applying for my own SWL ID..the magazine was no longer administering them. As I recall Hank Bennett was running it outa his home. Sent the blank off and was assigned WDX9KHY. By this time I had a receiver that had a BFO and such....sent many SWL cards off to hams and as I recall my return rate was around 85 pct or so..and many sent back the sase and said thanks. Take care
73

Greg WB9MII
QRP ARCI 9719

Date: Mon, 24 May 1999 09:49:40 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41244] Re: Weak Signal Work on a computer

Message-ID: <005301bea5ec\$46a2eca0\$0a1105d1@vince>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Group,

I have been following developments on this project for some time. The concept of involving ordinary people in the search is excellent. The idea originators should be commended. With the number of PC increasing by the day, I hope the concept can be extended to other areas of scientific research. There is no better way, in my opinion, to attract kids to science. They love computers, want a new game? :))

Visit the site and give it a try, you might get lucky and have your name given to a new discovery.

73 de Vince, VE3VFN.

----- Original Message -----

From: Chuck Adams <adams@ticnet.com>

> <http://setiathome.ssl.berkeley.edu/>

Date: Mon, 24 May 1999 10:06:32 -0400

From: "Edward A Kwik jr" <eakwikjr@hti.com>

To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>

Subject: [41245] Fun with my NC20

Message-ID: <37495CE7.DFC6C492@hti.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

I was fighting a cold last week so I was a good boy and went to bed early each night this weekend. But I sure had fun. Friday night I worked GM30XX at 2300Z around 14.06 Mhz. George had 1 watt and I had 5 watts. George was only a 229 and I got a 479. Then a few minutes later I worked F5JYS. Hubert was at 5 watts with a HB transceiver. He was 569 and I got a 539. We had a solid 15 minute QSO. On Saturday I got John N0HJ/7 with his SST. No mods to my NC20 yet. Having too much fun with

it on the air to mess with it!

Ed Kwik AB8DF

Date: Mon, 24 May 1999 07:27:36 -0600
From: tom whalen <wb5qyt@eFortress.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41246] WB0WQS de WB5QYT
Message-ID: <374953C8.4953@eFortress.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Kelly, you started out strong and then I just listened to you fade away! Guess we were too late for a qso. Weird band condx. Until next time 72, Tom WB5QYT

Date: Mon, 24 May 1999 09:23:08 -0500
From: "John Burnley" <burnley-ia@worldnet.att.net>
To: <qrp-1@lehigh.edu>
Subject: [41247] Clubs and vendors: I need your info (please)
Message-ID: <19990524142329.DAWE29986@burnley-ppp>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The Iowa QRP Club will be attending the Sioux City hamfest on June 4-5, 1999 in full force. We will have display tables and there will be QRP presentations as well. Ade Weiss (W0RSP) will be a featured speaker (Ade would have been there regardless of our involvement) and Paul Sipes (KB0JIT) will present a 'kit building' program. I will also be presenting (along with Jerry Huldeen WB0T) information on operating techniques, operating events, kits (vendor info, suggestions, etc), and the various clubs that are out there spreading the good word. I currently have vendor info for the following: Small Wonder Labs, TenTec (T-Kit), Hands Electronics, and MFJ. We would love to include your information and discuss your kits/products. Please send us your latest info/catalogs soon if you wish to be a part of our presentation as

well as the display tables.

QRP Clubs.....we would love to include you as well. All I need are your membership requirements (even if you have restricted requirements we want to include your info) and copies of two newsletters. We will include this information at every hamfest / club meeting we attend. I currently have info for NorCal, G-QRP, and QRP ARCI.

Friday night June 4th we will be sponsoring a building event for members. The club members have purchased the FB40 kit from the NJ QRP Club and we will be assembling those kits together. We hope to encourage beginner builders to get some experience with plenty of Elmers around.

I hope to see some of you in Sioux City!

72, John NU0V

Date: Mon, 24 May 1999 10:29:21 -0400
From: "Fred DeVries" <fred.devries@mindspring.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [41248] Re: test
Message-ID: <000b01bea5f1\$d0c93060\$3bb38ad1@fred.devries>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Date: Mon, 24 May 1999 10:34:42 -0400
From: "Fred DeVries" <fred.devries@mindspring.com>
To: "Low Power List" <qrp-l@lehigh.edu>
Subject: [41249] Wanted: Low cost antenna tuner for HF (40m) QRP use only
Message-ID: <001501bea5f2\$9088b6a0\$3bb38ad1@fred.devries>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I'm looking for an antenna tuner strictly for QRP use on 40 M. Good is great. Cheap is wonderful. If anyone has a suggestions or can point me to a web site, I'd surely appreciate it. Thanks.

Fred
KC8MMS/AG

Check out my web page at:
<http://www.mindspring.com/~fred.devries/>

Date: Mon, 24 May 1999 09:03:54 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Low Power Group <qrp-l@LeHigh.EDU>, QRP-Canada <qrp-canada@lists.gpfn.sk.ca>
Subject: [41250] Glacier/Waterton Hamfest-QRP- (fwd)
Message-ID: <Pine.LNX.3.95.990524085907.10292B-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Here's the latest list of people who have indicated they might be attending the Glacier/Waterton Hamfest, middle weekend of July, and who would like to get together for a QRP chew eyeball which is now on the Hamfest Program for Saturday, July 17th at 3:30pm to 4:30 pm!...if I've missed anyone please send me an e-mail....

| | | | |
|---------------|-----------------------|---------------|----------------|
| Bill - WA7NWP | John - VE6XT | Earl - VE6EWM | Bruce - VE5QRP |
| Roy - AB7CE | Geno - NR0NR | Don - VE6EY | K7YD - Doug |
| Vern - N7SPK | Jay - WA5WHN & WB5LYJ | Lyndel - N7LT | Todd - WA7U |
| Mal - N7GS | Frank - WB6LMA | | |

...don't forget everyone to bring a piece or two of qrp equipment and it would be nice to have a discussion on antennas and all the other "secret stuff" that pops a qrp signal through a pileup! Let me emphasize that this will be an INFORMAL get-together....no one's going to stand up and do a formal presentation unless someone has the time to prepare one....if so let me know eh?....initially, Earl, VE6EWM, and I plan to do an introduction of everyone and then just "guide" what follows using a list of topics such as antennas, tiny qrp rigs, regular qrp transceivers, Sierra type rigs, the K2, tuners, power for qrp rigs, SOLAR power and so on.... 72 - Bruce (VE5RC+VE5QRP)

Date: Mon, 24 May 1999 10:57:38 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.EDU>
Subject: [41251] RE: Software for RTTY with Sound Card ?
Message-ID: <000701bea5f5\$c571e960\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

After succesful tests with PSK31, I have
a question .
Does anyone here in QRP-L knows about computer
software like PSK31, but that may be used to
work "standard" RTTY? Or even AMTOR ?
Or perhaps PACTOR too ?
As I now have a computer with a 16 bit soundcard
and it is already connected to the transceiver,
it will be a very nice addition to be able
to use other digital modes using the same
connections, and not having to disconnect
and re-connect other interface devices.
Any help will be, as always, most appreciated.
Arnie

Arnie Coro C02KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Mon, 24 May 1999 10:59:26 -0400
From: "Prof.Arnaldo Coro Antich" <inforhc@mail.infocom.etecsa.cu>
To: <qrp-L@LeHigh.EDU>
Subject: [41252] RE: Propagation on 15 meters
Message-ID: <000901bea5f6\$05820ee0\$04000a0a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Yesterday worked SP and HC while running
5 w SSB on 21 mHz.
Conditions particularly good at my sunset
here in Havana
Maybe today we will have the same good
propagation !
Frequency used 21290 to 21300
Arnie Coro C02KK
Host of Dxers Unlimited
Radio Habana Cuba
e-mail:arnie@radiohc.org
e-mail:inforhc@mail.infocom.etecsa.cu
Postal address:
Prof. Arnaldo Coro Antich
La Torre no.127 entre 35 y 37
Nuevo Vedado, Plaza
Ciudad Habana , 10600
CUBA

Date: Mon, 24 May 1999 09:15:51 -0600
From: Bruce Kizerian <kizerian@ced.utah.edu>
To: qrp-l@Lehigh.EDU
Subject: [41253] Best 2MHz SW Band?
Message-ID: <37496D27.C9E58CF5@ced.utah.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ok, Here's a question for SWL enthusiasts.

If your shortwave radio could only tune a 2Mhz range, what would it be? Assume that you are building such a radio for a young person as an introduction to radio.

Thanks in advance. I'll let you know how the voting goes?

Bruce kk7zz

Date: Mon, 24 May 1999 08:16:30 -0700
From: Bill Jones <kd7s@psnw.com>
To: qrp-l@lehigh.edu
Subject: [41254] Re: Software for RTTY with Sound Card ?
Message-ID: <37496D4E.ACD9420D@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Arnie,

Blaster Teletype (BTL) is an excellent Sound Card setup for RTTY. You can find a description of it on my homepage:

<http://www.psnw.com/~kd7s>

or you can go directly to the BTL page at:

<http://www.geocities.com/SiliconValley/Heights/4477/index.html>

"Prof.Arnaldo Coro Antich" wrote:

> After succesful tests with PSK31, I have
> a question .
> Does anyone here in QRP-L knows about computer
> software like PSK31, but that may be used to
> work "standard" RTTY?

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Mon, 24 May 1999 08:22:56 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, azqrp <azqrp@extremezone.com>, Bob Hightower <ki7mn@extremezone.com>
Subject: [41255] Annouincement: 2N/40 Silkscreened Boards - \$5.00!
Message-ID: <37496ED0.882F6E34@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AZ ScQRPions are very happy to announce our latest kit, and it's for you 2N/40 builders. We are making available a copper PC board that has all pads and major components marked in indelible ink on the board, just as in the QRPP article.

In addition, the kit includes enough pre-cut PC board strips to allow one to nibble out the islands to be pasted onto the board.

Lastly, we include some documentation on how to do the process. The kit is shipped in a nice bubble envelope too.

So, you will have to do NO measuring or scaling to make up the board, just nibble out the islands, and paste them on to the board in the places marked.

You will need the original article, or go to Jim Kortge web site to build the rig, as that documentation is NOT included in the package.

Here is the best part:

Total cost: \$5.00 to your door!

That's right, send a check or money order for \$5.00 total, and you will receive the strips, the silk screened board, and the documentation noted above!

I was able to do a typical section on the board in about 10 minutes. This included nibbling out the islands, and gluing them down in the places indicated. I would think that the an entire board could be populated with islands in well under an hour.

This kit is the brainchild of Bob Hightower, who has made up and who is shipping out the kits.

He plans to place some descriptive information on his WWW page very

soon:

<http://www.extremezone.com/~ki7mn/>

All proceeds will go toward the AZ ScQRPion's Ft. Tuthill ham fest fund.

When you order, an ADDRESS LABEL, made out with your address to which to ship the kit would be most appreciated. Nothing fancy is needed, any gum type label that is large enough to hold your address will do.

Also make all checks and money orders out to Bob Hightower, NOT the AZ ScQRPions please.

To order send \$5.00 total to:

Bob Hightower KI7MN
1905 N. Pennington Drive
Chandler, AZ 85224-2632

Date: Mon, 24 May 1999 11:34:30 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <kizerian@ced.utah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [41256] Re: Best 2MHz SW Band?
Message-ID: <001101bea5fa\$e038e0\$9b3067d1@vince>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi Bruce,

I would go with the 31 and 25 meter bands. The 31M range is from 9500 to 9900, the 25M range is from 11650 to 12050. Hope you can increased the coverage another 500Khz to be able to tune two bands and have almost 24 hours reception.

73 de Vince, VE3VFN.

----- Original Message -----

From: Bruce Kizerian <kizerian@ced.utah.edu>
> If your shortwave radio could only tune a 2Mhz range, what
> would it be? Assume that you are building such a radio for a
> young person as an introduction to radio.

Date: Mon, 24 May 1999 10:43:03 -0500
From: "Bryan Turner" <turnerw@email.uah.edu>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>, kizerian@ced.utah.edu
Subject: [41257] Re: Best 2MHz SW Band?
Message-ID: <199905241541.KAA17571@email.uah.edu>

> If your shortwave radio could only tune a 2Mhz range, what
> would it be? Assume that you are building such a radio for a
> young person as an introduction to radio.

If the radio covered 5.6 to 7.6MHz, it would cover two broadcast bands, plus 40 meters and CHU time signals. There is a lot of SWBC in this area, but it wouldn't be as useful during daylight. This would be my primary recommendation, especially if it is for someone who would use it mostly in the evening.

A good all-around SWBC band is in the 9.4 - 10 MHz range. This has the added benefit of receiving WWV and 30 meters, but the radio would only receive one broadcast band if it were limited to only 2 MHz. The bottom of the 11MHz band could be received only if the bottom of the 9 MHz band was sacrificed; I'm not sure if this would be a good compromise. If you could get 2.5 MHz coverage from 9.4 to 11.9 MHz this would be a great choice if SWL'ing was the primary interest. 8.2 to 10.2 MHz would get a lot of utility coverage, but a BFO is needed. This band would be a close second choice.

Another possibility is 13.6 to 15.6 MHz. This would cover two broadcast bands, 20 meters and WWV. The 13 MHz band is not as popular, though, and this combination would have limited evening utility, compared to the previous two choices.

I would recommend avoiding the broadcast bands outside of the 5.6 - 15.8 MHz range because they are not as busy and they have more limited propagation.

73 Bryan W8LN

Date: Mon, 24 May 1999 08:49:27 -0700

From: Phil Wheeler <w7ox@mindspring.com>
To: kizerian@ced.utah.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [41258] Re: Best 2MHz SW Band?
Message-ID: <37497507.EC7F4640@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hard to think of 2 MHz that is really the "best".

When I travel I listen to 31 meters (9.5 - 10 MHz) and 49 Meters (5.9 - 6.4 or so) in the evenings and 25 m (11.7 to 12.0 or so) in daytime.

If you could tweak it from 2.0 MHz to 2.5 MHz, I'd vote for 9.5 - 12.0 MHz. That also gets you WWV at 10 MHz; add a VFO and you can get 30 m CW, too!

If you have to settle for 2 MHz or less, 31 meters would be my choice for evening and early AM.

Phil W70X

Bruce Kizerian wrote:

>
> Ok, Here's a question for SWL enthusiasts.
>
> If your shortwave radio could only tune a 2Mhz range, what
> would it be? Assume that you are building such a radio for a
> young person as an introduction to radio.
>
> Thanks in advance. I'll let you know how the voting goes?
>
> Bruce kk7zz

Date: Mon, 24 May 1999 11:52:54 -0400
From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [41259] >How to Grow a Hobby< (short)
Message-ID: <19990524.115302.-210009.0.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thoughts on >How to Grow a Hobby<

Gentleman,

Been reading the "SWL" "stuff" recently on SWL and "my first radio" ?

Re: SWL posts here on qrp-l and all the "wow" !!
my SWL call sign..., my first xtal radio , my first one tube radio ,
Ocean Hopper , Radio Moskva, BBC, books, lists of frequencies, on and
on how I got started "that way too".

and 'REGEN"

Yep, I got started that way too (an uncle OSS one tube radio 5 letter CW
code groups), as a kid (late fifties Kn8HJP) we lived in a three story
apartment and Mom said (many times) "if he LIVES through putting up
another antenna ", yep broken leg and all "he" retired (two years) a
"weak" signal (TEMPEST) engineer.

Question:Just think, (from your own experience)

What COULD happen if qrp-l "would / could" put an SWL "receiver" (into
the hands of a school student and / or scout troop AND / OR the
such....

and wow! then go on to become a "my first radio" or better yet

"my first TRANSCEIVERr" . WOW!

Just a thought

...on how to grow a hobby...

I can help...

John
N3AAZ
FM19xa
.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com/getjuno.html>
or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 24 May 1999 10:02:52 -0600
From: Rod Cercone <rwcc@frii.com>
To: kizerian@ced.utah.edu, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41261] Re: Best 2MHz SW Band?
Message-ID: <19990524100252.16775@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello:

On Mon, May 24, 1999 at 09:15:51AM -0600, Bruce Kizerian wrote:

> Ok, Here's a question for SWL enthusiasts.
>
> If your shortwave radio could only tune a 2Mhz range, what
> would it be? Assume that you are building such a radio for a
> young person as an introduction to radio.
>

Most English language activity seems to be on:

5950-6200 kHz (49 meter band)
9500-9900 kHz (31 meter band)

I just checked the BEEB homepage they have curtailed a lot of NA 31m activity.

The easiest stations to get are Radio Netherlands, SRI, BBC all with good English language programs. They all have home pages upon which you can get the latest, program/frequency info. Checking those may influence your decision.

Hope this helps

--

72/3 NØRC
Rod Cercone
Fort Collins, CO
QRP-L #1764, NorCal, QRP ARCI, CQC & FISTS
da di dah

Date: Mon, 24 May 1999 12:40:02 -0400 (EDT)
From: Stephan Greene <sgreene@patriot.net>
To: John R Kirby <n3aaz-qrp@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [41262] Re: >How to Grow a Hobby< (short)
Message-ID: <Pine.LNX.4.10.9905241233220.23958-100000@adams.patriot.net>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 May 1999, John R Kirby wrote:

> What COULD happen if qrp-l "would / could" put an SWL "receiver" (into
> the hands of a school student and / or scout troop AND / OR the
> such....

Radio shack has a couple of kits for low-performance AM/FM and SW radios.
We just finished building the AM/FM receiver kit over two 1-hour meetings
of my son's Cub Scout den. The boys were ALL excited about having built
their own radios; I showed them what some of the more complicated ham kits
looked like (wish I'd thought of arranging an on-air demo but there's only
so much you can do in an hour). It's a start.

Now I have to figure out how to do some combo of A0-27 QSOs and or QRP
HF (probably SSB) during their 1-week overnight summer camp in July.
(I've already been warned I won't have the time but hope springs
eternal...)

73 Steve KA1LM

Stephan A. Greene Beeper: 1-800-759-8888 PIN 1030552#
sgreene@washsq.com IT Product Devel, Washingt Square Associates Inc
sgreene@patriot.net Personal
ka1lm@amsat.org Amatuer KA1LM Grid FM18hx

Date: Mon, 24 May 1999 10:15:45 -0700
From: Allan G Taylor <k7gt@qsl.net>
To: qrp-l@lehigh.edu
Subject: [41263] NC40A trouble
Message-ID: <37498941.68EC@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I recently acquired a very nice NC40A. Upon first firing it up, as it
happens on a low battery, it had an audio oscillation of considerable
amplitude. After putting a fully charged battery on it, the oscillation

cleared up. As I intend to use this radio mostly in the field and down to the last microcoulomb in the alkaline cell pack... this will not do! The 'low' battery was about 11 V, in the range for the regulator.

Could an NC40A expert give me some things to examine when I tackle this problem on Memorial Day? (too busy until then...CQ WPX test!!)

Please reply privately only as I am mostly on digest these days.

73

Allan K7GT

--

| | | |
|-------------------------------|--------------|---|
| | | |
| | / | |
| | / | |
| Allan Taylor K7GT | /Z \ | FISTS 3222 ARS 228 |
| k7gt@qsl.net | / /599 \ | DXCC and WAS 40/cw |
| Pleasanton CA | /_ /____ __\ | http://www.qsl.net/k7gt |
| ...QRO, QRP, or barefoot..... | [\-----/ | |

~~~~~

-----  
Date: Mon, 24 May 1999 17:59:54 +0000  
From: "Mel Evans, Arachne User" <melGM6JAG@bccscotland.freemove.co.uk>  
To: Nils R Young <nilsbull@juno.com>  
Cc: qrp-1@lehigh.edu  
Subject: [41264] Miles per watt &c stuff  
Message-ID: <E10lyY2-0006Df-00.1999-05-24-18-29-59@mail2.svr.pol.co.uk>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Nils,

Post the badgers, (in a strong brown envelope) to me and I'll put 'em in with the Haggae whilst you're on vacation!

Regards

Mel

The BRITISH CARAVANNERS CLUB Scotland Website, updating daily!

<http://www.bccscotland.freemove.co.uk>

Now over thirty pages, and 727 links world-wide via Silvicamps  
Fully searchable site with BCC Search Engine powered by Free Find

-- Arachne V1.50;beta, NON-COMMERCIAL copy, <http://home.arachne.cz/>

-----  
Date: Mon, 24 May 1999 10:34:36 -0700  
From: "Eric Swartz - Elecraft, WA6HHQ" <erics@elecraft.com>  
To: maclean@ix.netcom.com  
Cc: QRP-L <qrp-l@lehigh.edu>  
Subject: [41265] Re: K2 and proper soldering equipment  
Message-ID: <37498DAC.D0BDAEA6@elecraft.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Glenn,

Check out the "Ask Dr. Solder" article on <http://www.elecraft.com> It covers a wide range of topics including recommended soldering stations and tips.

73, Eric WA6HHQ (Who is currently sleepless getting K2s ready to ship...)

-----  
Date: Mon, 24 May 1999 12:07:42 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [41266] Re: Dr. Megacycle's Feedline Primer (long)  
Message-ID: <19990524180030014.AAA211@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

"James R. Duffey" <jamesd1@flash.net> Wrote:

> I like to simplify things down to basics. Balanced feedline is lower loss  
> than coax and most of its advantages lie in that fact. Coax is easier to  
> deal with mechanically and most of its advantage lies in that.  
>



Nice. :-)

KISS theory of feedlines.

Carl  
KK7QD

Carl  
zmola@campbellsci.com

-----  
Date: Mon, 24 May 1999 14:02:58 -0400  
From: "George Goodroe" <goodroe@worldnet.att.net>  
To: "Qrp-L@Lehigh.Edu (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [41267] RE: Weak Signal Work on a computer  
Message-ID: <000001bea60f\$aa9eb2c0\$9468fea9@ggoodroe>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hello All,

I downloaded the SETI-AT-Home screensaver and after several attempts, was able to connect and get my data. Very interesting display. Don't give up trying to connect, apparently, their server is verrrry busy.

Thanks Chuck...I'd seen this before and had forgotten it.

73 de KF4CPJ  
George Goodroe, QRP-L #1943  
St. Petersburg, Florida USA  
80 Meter high noise capital of the USA <grin>  
<http://home.att.net/~goodroe>  
<http://www.qsl.net/kf4cpj>

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of  
Chuck Adams  
Sent: Sunday, May 23, 1999 10:54 PM  
To: Low Power Amateur Radio Discussion  
Subject: Weak Signal Work on a computer

Gang,

I don't know that I have seen this group have a posting, so here it is. I'll keep it short.

If you have pretty fast computer, say >200MHz Pentium class or better, and you want to have it doing something useful (some will disagree with this) when you are idle, then go to

<http://setiathome.ssl.berkeley.edu/>

and if interested download the program and sign up for a chunk of data.

I'm currently working on data from Arecibo Radio Observatory and it is going to take about 50+ hours of spare computer time to work on it.

This is a worldwide project to work through radio data from outer space for non-random signals.... ET - phone home.

It is QRP listening indirectly. :-)

And while your computer is doing this you can get on one of the many bands available to us and work weaker signals direct.

FYI

Chuck Adams K5FO [adams@ticnet.com](mailto:adams@ticnet.com) <http://www.qsl.net/k5fo> CP-60

-----  
Date: Mon, 24 May 1999 11:12:25 -0700 (PDT)  
From: Ron Stark <[ku7y@dri.edu](mailto:ku7y@dri.edu)>  
To: QRP-L <[qrp-l@Lehigh.EDU](mailto:qrp-l@Lehigh.EDU)>  
Subject: [41268] WPX  
Message-ID: <Pine.SOL.3.96.990524110856.15990A-1000000@vortex>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Don't forget that this weekend is the CQ WPX CW contest.

This year there is a new rule.....All contacts count for QSO points so this should make for even more fun!

Full rules are at:

<http://ourworld.compuserve.com/homepages/n8bjq/98wpxrules.htm>

I'll be running QRP and hope to work many of you.

The CW speeds in this contest are not near as fast as in the NA Sprints. You will find plenty of slower stations higher up the band.

Enjoy,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Mon, 24 May 1999 14:08:42 -0400  
From: "David P. Drake" <dpd@dtpax2.ncifcrf.gov>  
To: qrp-l@Lehigh.EDU  
Subject: [41269] Re: >How to Grow a Hobby< (short)  
Message-ID: <4.1.19990524140352.00ab0c60@dtpax2.ncifcrf.gov>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

My 5 1/2 year old son just found one of my code practice tapes. That's the only thing he has played the last two days. Dad is doing the happy dance, whilst he looks for the code oscillator and hand key. Maybe dad will finally pass the test now he has a practice partner. :)

N3LSB - Dave  
Taneytown, MD  
Carroll County

dpd@dtpax2.ncifcrf.gov  
QRP-l#:317  
FM19jp

-----

Date: Mon, 24 May 1999 11:21:35 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-1@lehigh.edu>  
Subject: [41270] Power Supply Problem with NC40A  
Message-ID: <01bea612\$42e0bf40\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Grant, there is a product out there that I believe is exactly what you are looking for. The TiCK keyer guys, Gary and Brad, have another product that will do what you need. Check out the info below from their website:

#### Features:

- Inputs of 2-12V DC converted to 12v DC with high efficiency
- Fused input helps protect against over-current situations
- Can supply 0.5 Amps @ 12v DC under continuous load
- Surface mount kit comes complete with all the parts you need to get the EPS-1 operational in one evening\*

#### Uses:

- The EPS-1 is perfect for emergency use, where getting the exact number or type of batteries may not be possible.
- Can be used to operate 12v DC devices, even when the power level of the supply battery drops below 12v
- Can be used to power 12v DC devices with a variety of sources. For example, 4 "D" cells in series (6v) can be used to supply 12 v DC. Likewise, 2 "D" cells in series (3v) can be used to supply 12v DC as well. Remember, the Amp-Hour rating of the supply battery needs to be considered when estimating their life. That is, 2 "D" cells (3v) used to make 12v DC will not last nearly as long as 4 "D" cells (6v) being used to power the same device with the EPS-1.
- Take the EPS-1 on trips and buy the batteries when you get to your destination - no need to lug around heavy batteries!
- Use the EPS-1 to squeeze the remaining energy out of the alkaline cells you would normally throw away!

#### Building the EPS-1

Yes, the EPS-1 is a surface mount kit, but don't be alarmed! The parts used are not all that tiny, and there is plenty of room on the board to maneuver a soldering iron. If you want the challenge of surface mount construction, we highly recommend you try the EPS-1 kit. If you like the EPS-1, but do not want to build it yourself, built-up EPS-1 boards are available.

The EPS-1 kit consists of 12 board-mounted components. This includes the controller chip (SO-8), MOSFET (SO-8), three tantalum caps, one coil, two bypass caps, one resettable fuse, one diode, and output power jack.

#### Price/Availability

The EPS-1 is available for \$35 plus \$2.50 S/H (US), and \$5.00 S/H (DX)  
Factory built/tested EPS-1 units are available for \$TBD plus S/H.

Here is their website address: <http://www.frontiernet.net/~embres/eps.htm>

Here is the ordering information. Note that the EPS-1 is currently listed as out of stock. Perhaps Gary or Brad could update us on this.

#### ER's Ordering Information

#### Ordering Information, Shipping, & Sales Tax Information

EPS-1 EPS-1 KIT: BOARD/PARTS/MANUAL \$35.00 \$2.50 OUT-OF-STOCK

#### Calculating Shipping Costs

You only need to pay shipping/handling costs once, i.e. just include the highest shipping fee given the product(s) you are ordering. For example, if you are ordering 3 products, and the highest shipping fee for one of the products is \$2.50, then \$2.50 will cover the shipping/handling for that particular order, for all three items.

#### Payment Information

We do not at this time accept credit cards - send checks and money orders only!

For DX orders, an international money order is best.

All payments must be made in U.S. dollars

Send orders to:

Embedded Research

PO Box 92492

Rochester, NY 14692

#### Shipping information

The above price lists include shipping and handling (S/H) prices for the U.S. only!

The rates for DX shipping are as follows:

For orders UNDER \$30.00, DX shipping is \$5

For orders OVER \$30.00, DX shipping is \$6.

If you have a question about shipping rates, please contact us.

#### Sales Tax Information

All orders shipped within New York State must include 8% sales tax.

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All rights reserved.

Page last updated May 10,, 1999

I have no financial ties with the guys at Embedded Research, they are good friends of mine, and they make great products that I have been very happy with. 72, Doug, KI6DS

-----  
Date: Mon, 24 May 1999 12:27:56 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: "Low Power Amateur Radio Discussion" <grp-l@Lehigh.EDU>, kd1jv@moose.ncia.net  
Subject: [41271] Re: CB to 10, Uniden PC122XL SSB rig  
Message-ID: <19990524182044009.AAA246@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

> Anyway, today I decided to sit down and take a good look at the PLL  
> and what it would take to move it. Turns out changing the PLL xtal to  
> a standard 11.0592 Mhz xtal will make it tune 28.266 to 28.74 Mhz in  
> 10.8 Khz steps. There will be some bigger holes here and there due to  
> the CB freq plan.

Nice work, but the PC122XL is one of the harder rigs to modify.

Midland makes an ssb rig that converts to 10M at the push of a button. (Actually its two or three buttons and a powerup). and covers the full 10M band in 10k increments with no holes (the clarifier does leave holes between the 10k steps.

If you are into melting solder, it sounds good, but I would choose a CB with a frequency display and a simpler solution. Often the mods are similar to modifying an HT for out of band transmit, removing a resistor, shorting a jumper, ... and a little software magic. However these CB's are \$120 to \$200.

> I was really hoping to move it to 17 meters, but that will take a  
> 8.950 Mhz xtal and that isn't a common cpu clock freq. Just far  
> enough away from 9 Mhz to be a problem.

How about 12M? or 15M?

> Okay, now to figure out what coils need to be tweaked and how to  
> open up the clairifier so we can tune between steps better.

That is the key to converting a CB (IMHO). Otherwise you have

holes between chanel's.

Carl  
zmola@campbellsci.com

-----  
Date: Mon, 24 May 1999 13:27:26 -0500  
From: Fred Bennett N9TA <N9TA@worldnet.att.net>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [41272] More K2 delays.  
Message-ID: <37499A0E.85FF10E@worldnet.att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang

I called Elecraft today (Monday) to add an option to my K2 order. Sadly, I was told shipment was 2-3 MORE weeks away. Also, apparently, the only thing shipped (when they ARE shipped) will be the CW Base version. The options will trickle in as they are ready. The only option ready at this time is the battery option.

Sorry for the bad news gang....just thought I'd pass  
on what I was told.

73....de....Fred N9TA

-----  
Date: Mon, 24 May 1999 14:29:06 -0500  
From: Randy Randall <RANDALLR@Healthall.com>  
To: qrp-l@Lehigh.EDU  
Subject: [41273] Help!! trouble shooting MFJ-207. Schematic wanted.  
Message-ID: <s74962a5.071@Healthall.com>  
Mime-Version: 1.0  
Content-Type: text/plain  
Content-Disposition: inline

Hello. I have an MFJ SWR Bridge that is malfunctioning. I have been in contact with MFJ about this with so so results. The output of the oscillator is almost non existent at 1.8 then rises until it is almost normal at 2.5 MHZ. This is on the A band position. The B band does the same thing to a less degree. The output

is less on the lower freq. and rises as you go higher. Band C, D, and E look to be operating normally. There are also two pots on the board that are used to calibrate the unit. MFJ does not have the procedure to calibrate this unit available to send to me?! I am not kidding! They make these things, don't they? They faxed me half of the schematic and it was unreadable. I am NOT a happy customer at this point. It is over a year old (darn) or I would send it to them to fuss with. Ideas?

Thanks,  
Randy KB8ASO.

Randy E. Randall  
Network Engineer  
The Health Alliance of Greater Cincinnati  
3200 Burnet Ave. Room 4618  
Cincinnati, Ohio 45229  
Ph. 513-585-7146  
E-mail randallr@healthall.com

-----  
Date: Mon, 24 May 1999 14:41:07 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [41274] Re: K2 and proper soldering equipment  
Message-ID: <37499D43.6C958571@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Eric Swartz - Elecraft, WA6HHQ wrote:  
> 73, Eric WA6HHQ (Who is currently sleepless getting K2s ready to  
> ship...)

Go Eric, Go!!! ;-) (This is kinda like waiting for Christmas morning)

--  
72 de KU4Q0, Mike Maiorana, Palm Harbor, FL

-----  
Date: Mon, 24 May 1999 15:01:18 -0400 (EDT)  
From: Stephan Greene <sgreene@patriot.net>  
To: George Goodroe <goodroe@worldnet.att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [41275] RE: Weak Signal Work on a computer



Message-ID: <Pine.LNX.4.10.9905241455350.23958-1000000@adams.patriot.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 May 1999, George Goodroe wrote:

> I downloaded the SETI-AT-Home screensaver and after several attempts, was  
> able to connect and get my data. Very interesting display. Don't give up  
> trying to connect, apparently, their server is verrrry busy.

The SETI software has received prominent mention on the popular with the technical and network crowd website slashdot ([www.slashdot.org](http://www.slashdot.org)). They've even coined a term for when a website gets hammered after mention on /. after a favorable article leads hundreds if not thousands of new users to visit the site and it bogs down or dies - maybe it's been "slashdotted".

73 Steve KA1LM

-----  
Stephan A. Greene       Beeper: 1-800-759-8888 PIN 1030552#  
sgreene@washsq.com     IT Product Devel, Washingt Square Associates Inc  
sgreene@patriot.net    Personal  
ka1lm@amsat.org        Amatuer KA1LM Grid FM18hx  
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-----  
Date: Mon, 24 May 1999 11:53:44 -0700  
From: "Mike Silva" <mjsilva@jps.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [41276] Re: >How to Grow a Hobby< (short)  
Message-ID: <001f01bea616\$bf665a80\$2c89a9ce@davidb-200.amotusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>My 5 1/2 year old son just found one of my code practice tapes. That's the  
>only thing he has played the last two days. Dad is doing the happy dance,  
>whilst he looks for the code oscillator and hand key. Maybe dad will  
>finally pass the test now he has a practice partner. :)

I found my MFJ CPO, which I originally bought for my wife (no luck there), and showed it to my 6 year-old son. He was intrigued and immediately asked

me to send the following message to Japan: "How do you make Pokemons?"  
(parents of young kids will understand...)

BTW, he's about to move from Tiger Cubs to Cub Scouts. Is there still a  
merit badge for Morse?

73,  
Mike, KK6GM

-----  
Date: Mon, 24 May 1999 13:19:46 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: qrp-1@lehigh.edu  
Cc: Randy Randall <RANDALLR@Healthall.com>  
Subject: [41277] Re: CB to 10, Uniden PC122XL SSB rig  
Message-ID: <19990524191234622.AAA239@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Ok, OK,

>> Midland makes an ssb rig that converts to 10M at the push of a  
>> button. (Actually its two or three buttons and a powerup).  
>> and covers the full 10M band in 10k increments with no holes  
>> (the clarifier does leave holes between the 10k steps.

> What model # is the Midland that does this? Is it a current product?

There is a Midland 29-290 that does this.  
Bill's 2way has them for \$145  
<http://www.bills2way.com/>

I have heard from someone (KF4???) that it works well on 10M, but the  
mic. gain is low, and you might need an add on mike, and that there is a  
mod to easily boost power to 25W.

<http://www.jcre.com/>  
is where this ham bought his.

I just can't remember the magic keystrokes right now, but checkout  
some cb modification web sites.

Carl  
zmola@campbellsci.com

-----  
Date: Mon, 24 May 1999 12:26:37 -0700 (PDT)  
From: David J Adams <adamsclan@netgate.net>  
To: qrp-l@lehigh.edu  
Subject: [41278] QRP-l Archive CD  
Message-ID: <199905241926.MAA02653@u1.netgate.net>

Greetings! I received the copy of the QRP-l archive (V2) from Chuck and everything looks okay upon initial testing, so I am ready to start making copies for individuals. As Chuck mentioned, you can:

A) Send me a blank CD, and appropriate SASE and I will burn the disk and return it to you ASAP.

or

B) You can send me \$10 and I will burn, package and mail a disk to you.

That's it. If you want a copy, email me to let me know if you are going route A or B and I will give you the mailing info.

73 de dave, N9UXU

-----  
Date: Mon, 24 May 1999 12:52:02 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Cc: <Graham.Firth@BTinternet.com>, <g4wif@BTinternet.com>  
Subject: [41279] Regen Building Progress  
Message-ID: <01bea61e\$e464e600\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Ok, I am going to let the cat out of the bag so to speak. I have been

working really hard on my entry for the NorCal Regen Building contest (I am not eligible for the prizes, but I do have a personal challenge from Graham Firth, W3MFJ/G3MFJ who will be attending.) I looked at a whole bunch of circuits and finally came down to the MFJ8100K kit circuit. Yes, yes I know that kits are not eligible, but homebrew versions of them are. My plan was to use the Jim Kortge Manhattan style of pad construction and the MFJ schematic. The first thing that I did was buy an 8100K kit. I decided that I would build this kit first so I would have a comparison. It is a neat kit, covers 5 bands, comes in a nice case, and has a hot little receiver in it, with smooth regeneration. The cost is reasonable too, \$59. The advantage here is that all of the parts, the board, the case, controls, connectors, everything are there, nothing else to find. Yes I know Graham is already hollering Mr. Referee, Mr. Referee, Foul, Foul, by the Colonist. But wait Mr. Firth, my esteemed opponent. I used the kit and the parts in it to build the kit. My entry is built from parts that I found and located on my own, and uses a piece of circuit board as a ground plane and 3/16" circular pads as tie points, so it is truly homebrew. No parts come from the MFJ kit.

I built the kit and it worked great, just as advertised. I copied BBC, Radio Havana, Radio Japan, all the religious stations in the world, etc. Exactly what I wanted to hear. Now to build the KI6DS version using my new found skills in paddy board construction. The first thing I did was to lay out the circuit. The MFJ layout is huge and there is tons of wasted space, why, KI6DS can do it better I'll bet. WRONG!!! I did lay out the circuit, built it, and when I turned it on, it HOOTED!!! The LM386 amplifier was an oscillator, not an amplifier. What could be wrong? I traced the circuit using the schematic, three times, and it was built exactly right. Yet it still HOOTED. I would plug it in after I checked the schematic and the prototype, each time hoping for some unknown reason that the problem had fixed itself. Hah, fat chance. Every time, it hooted. So, drastic measures were called for.

I drove over to see my guru, Dave Fifield, AD6A, the NorCal 20 guy and who helps me when I can't figure out what to do next. My wife JoAnne, rode along, and sat in the pickup waiting for me as I promised that it would only take Dave a maximum of 30 minutes to find the problem. This guy is a genius I assured her. She rolled her eyes, said sure, and opened up a new book she brought along to read. Now, was that eyeroll, that every husband knows, for my estimate of time or Dave's electronic ability? I'll never know.

Anyway, I gather up the schematic, the layout, and the prototype and walk proudly up to Dave's door and ring the doorbell confidently. He will sure be impressed with this effort. Dave's son answered the door and pointed me towards the garage. I found Dave reading email and working on his regen. Wait till you see his pots!! I proudly showed Dave my creation and eagerly awaited a comment. He simply looked at it, looked at me, and said, "Is this your layout?" Dave is polite, as are all Englishmen. What he meant was

"Who layed out this mess???" He then proceeded to tell me that I didn't want to have all of those wire hooking up the regen control and the tuning cap running all over the place. They needed to be short, and to the point!!

He then hooked up the regen to the 9V battery, and noted that it did indeed hoot. Dave then taught me some basic electronics, again. He said, "The LM386 is supposed to amplify and it is oscillating. Lets first isolate it from the rest of the receiver, and see if it still hoots." We unsoldered a coupling capacitor, and isolated the LM386, applied power, and yes it did still hoot.

Dave then looked at me and said, "What does that proove?" Of course, I had a blank look on my face as I couldn't see the forest for the trees. Dave then politely said that it proved that the problem was in the LM386 circuit!! He then went pin by pin and checked the connections. Pin 1, 10uF elect.cap to pin 8, ok, pin 2 to ground, ok, pin 3, .0033 cap to ground, yes, 1K resistor in series with .1uF cap, yes, this was the input, and we had disconnected the cap to isolate the chip. Everything ok so far. Pin 4, no connection??? Dave looked at me and said, "That doesn't seem right. Let's look in Paul Harden's book, "Databook for QRPers" (available for \$20 + \$4 s&h from Quicksilver Press, PO Box 757, Socorro, NM, 87801) it is the Qrper's bible you know. Sure enough, there it was, the LM386 and as Dave suspected, pin 4 was supposed to be grounded.

"Ahh, that is probably the problem," he said. He also commented that I had built the prototype to the schematic, and it was wrong, not my efforts (I think he was trying to be nice here). The English are so diplomatic. We then checked pin 5, .1uF in series with a 15 ohm resistor to ground, and a 22uF to the hot end of the volume control, ok. Pin 6, two components here, one a 100 uF to ground, ok, and two a 22 ohm to the 9 Volt rail. Check. Pin 7, .1uF to ground, check. He then soldered a wire to ground between pin 4 and ground, plugged in the 9V Battery, and guess what? No more Hooting!! What a genius. Dave fixed the problem. He then resoldered the capacitor to the rest of the circuit, and the radio worked!! Eureka, well, sort of. There are still some big layout problems, but the circuit does receive. I copied Radio Japan on it. Plus RTTY, some 40 meter CW, and a whole bunch of whistles, etc.

Dave then gently urged me to redo the circuit, saying that this should go here, etc. He even suggested looking at the MFJ layout, and using it as a guide. After all that radio works great!! So, I left after spending an hour and a half with a good friend, and I learned a whole bunch about trouble shooting. All from the master himself. The neat thing was that he was a gentle teacher, and that he did not make me feel dumb or lacking in any way. He gave me some simple suggestions, that it was a nice idea to isolate circuits and problems, then check connections. Great advice. Graham, you'd better watch out. Tonight, I layout the new pads and start to build Regen Proto #2 for the HamCom Regen Building Contest. See you at Hamcom.

Oh, when I got back to the car, JoAnne looked at her watch, clucked her tongue, (married guys know what I mean) and said "30 minutes huh?" Then she suggested that I take her out to dinner, which I happily did. Sure is funny how wives know just when to ask you to take them out to dinner.  
72, Doug, KI6DS

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Date: Mon, 24 May 1999 15:39:34 -0400  
From: Jim Lyons <lyons@canada.com>  
To: goodroe@worldnet.att.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [41280] RE: Weak Signal Work on a computer  
Message-ID: <3.0.5.32.19990524153934.0085c100@pop.hip.cam.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Did you get a "Winsock 10060 error" message when you failed to log on?  
That's all I've been getting after downloading the software and trying to log on.

BTW I signed up several months ago but never heard anything more from them except for an invitation to join the Interplanetary Society.

Jim Lyons, VE2KN  
Montreal

At 02:02 PM 5/24/99 -0400, George Goodroe wrote:  
>Hello All,  
>  
>I downloaded the SETI-AT-Home screensaver and after several attempts, was  
>able to connect and get my data. Very interesting display. Don't give up  
>trying to connect, apparently, their server is verrrry busy.  
>  
>Thanks Chuck...I'd seen this before and had forgotten it.  
>  
>73 de KF4CPJ  
>George Goodroe, QRP-L #1943  
>St. Petersburg, Florida USA  
>80 Meter high noise capital of the USA <grin>  
><http://home.att.net/~goodroe>  
><http://www.qsl.net/kf4cpj>

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Date: Mon, 24 May 1999 20:44:52 +0000  
From: wd8civ@att.net  
To: qrp-l@lehigh.edu (QRP-L Mailing List)  
Subject: [41281] Traveler RX kit.  
Message-ID: <19990524204732.0BS10836@webmail.worldnet.att.net>

I recently bought and built a Traveler 80M receiver (from an article in 73 Mag. from Oct. 94). It was developed by Paul Daulton K5WMS using an FM I/F chip. I bought the kit from Dan's Small Parts for about \$40.

Has anyone else built one? What do you think of it? I don't have any other radio to compare it against at the moment, so I can't report on sensitivity, but it doesn't seem too bad for a cheap kit.

(FWIW, it's an actual superhet with a 3-pole crystal filter.)

If nothing else, Paul should be congratulated for noticing that an FM I/F chip had the mixers and oscillators necessary for HF work.

I managed to get a wire in the trees yesterday, and I've (sort of) calibrated the tuning dial (plus added a pot to limit the tuning range - as built it tuned a little over 1 MHz, now it's pretty much 3.5 - 4.0 MHz) so I have some hope of actually hearing hams instead of Radio Free Appalachia. (Or is that 11M? I forget.)

Instability doesn't seem TOO bad, given it's a 10-turn pot and a varactor on the VFO. Don't know if it's stable enough for RTTY, but I aim to find out. I wired it for 1/8" stereo, and made a patch cord to plug it into the sound card on my PC. It makes for a neat display using Spectrogram software. (It's also the world's cheapest receiver with one of the world's most expensive audio filters.)

Now for a little transmitter to go with it... guess I better brush up on my Morse.

--  
Dave Hinerman WD8CIV

-----  
Date: Mon, 24 May 1999 21:52:52 +0100  
From: "Graham Firth" <Graham.Firth@BTinternet.com>  
To: <kizerian@ced.utah.edu>, "Low Power Amateur Radio Discussion" <qrp-  
l@lehigh.edu>  
Subject: [41282] Re: Best 2MHz SW Band?  
Message-ID: <01d101bea62b\$d933ae80\$02010080@graham>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi  
In the UK, I'd go for 5.7 to 7.7MHz - gives two SW bands (41 & 49m) + the 40m  
ham band.  
72/3  
Graham  
G3MFJ/W3MFJ

-----  
Date: Mon, 24 May 1999 14:39:16 -0700 (PDT)  
From: Bradley Mitchell <wb8ygg@yahoo.com>  
To: qrp-l@lehigh.edu  
Subject: [41283] DX-70TH QRP Adjustment/MOD?  
Message-ID: <19990524213916.19092.rocketmail@web604.mail.yahoo.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

My Friend:  
Scott Braun: jbraun@localnet.com

is wondering if any of you know of a mod or adjustment for the DX-70TH  
for QRP (5W).  
Please respond to him at.  
jbraun@localnet.com  
73

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Do You Yahoo!?  
Get your free @yahoo.com address at <http://mail.yahoo.com>

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Date: Mon, 24 May 1999 14:55:34 -0700  
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)  
To: <qrp-l@lehigh.edu>  
Subject: [41284] Ft. Smith QRP Group Kit, AZ ScQRPions 2N2/40 Board Kit  
Message-ID: <01bea630\$26c46a00\$630a0d0a@doug.dpol.k12.ca.us>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Guys, I see that Jay Bromley announced the Ft. Smith QRP Group Kit on Friday. I first saw the VE3DNL marker generator 2 years ago when I was privileged to watch one of the premier kit builders in the world, K5F0, build the very first SST kit. When Chuck finished the kit, he amazed me by the way that he aligned and peaked the receiver. He got this little board which was mounted on standoffs, had a crystal on it with some components and an IC all hooked up to a 9V battery. He then placed the board about 6 inches away from the SST, and then put on a pair of headphones. He then used the little board to do two things. First he tuned in one of the 5 kHz. tones signals being generated by the board and then peaked the trimcaps on the receiver for the loudest tone. Neat. Next, he tuned the VX0 and said that the SST had about 11 or 12 kHz. of range. When I asked how he knew this, he said that the little board was a VE3DNL marker generator and that it generated signals every 5 kHz. Since he could barely hear 3 tones, he knew it was about 11 or 12 kHz. When I asked why he didn't use a signal off the air to peak the receiver, he said he was, but that he was generating them!! The 20 meter band was dead as a doorknob. Neat!! I have wanted one of those "little boards that Chuck used on the SST kit" for 2 years. Several times I have had an opportunity to use it, and didn't have one. The neat thing is that even if the band your receiver is on is dead or there are no signals in your VFO or VX0 coverage, you can supply it with the VE3DNL Marker Generator! Plus, as Chuck demonstrated, if the signal is too loud, just move the board further away from the rig!! It is amazing to me to watch the great ones build and align rigs. I have watched Wayne Burdick, Chuck Adams, Paul Harden, Dave Benson, Dave Meacham and Dave Fifield work on aligning rigs and have learned something from everyone of them.

Now, I have one of those kits coming. When I asked Chuck at the time where to get one, he said that he was trying to find a club to kit them. Well, he found one in Jay Bromley and the Ft. Smith QRP Group. If you want to order a VE3DNL Marker Generator kit from Jay, send him \$12 at the following address:

.  
Jay Bromley  
9505 Bryn Mawr Circle  
Ft. Smith, AR 72903

.  
Make out the check to Jay Bromley, NOT FT. Smith QRP Group. Also, you will need to send Jay email at w5jay@alltel.net and ask him to reserve a kit for you. Don't delay because they are going fast. In the email, put VE3DNL Marker Generator Kit in the subject line and be sure to send your name and address in the following format so he can make a return address label.

.  
Doug Hendricks  
862 Frank Ave.  
Dos Palos, CA 93620

.  
(Please use your own name and address as I have 3 kits ordered and don't need yours too!, Grin.)

Also, I see where Brian Kassel the kit guru for the AZ ScQRPions has announced that Bob Hightower, KI7MN has come up with a neat kit for the 2N2/40 rig that was in the last issue of QRPP. The AZ ScQRPions have laid out a board, showing you where to place all of the pads, and they even send you the pads to go with the board. It won't get any easier than this guys. The 2N2/40 rig is documented in the Winter 98 QRPP, and also on Jim Kortge and Preston Douglas' web pages. The AZ Group has stepped forward and is doing a real service providing this board only kit (hey, I never saw a pc board kit with parts before!!). Here is the ordering information:

All proceeds will go toward the AZ ScQRPion's Ft. Tuthill ham fest fund. When you order, an ADDRESS LABEL, made out with your address to which to ship the kit would be most appreciated. Nothing fancy is needed, any gum type label that is large enough to hold your address will do. Also make all checks and money orders out to Bob Hightower, NOT the AZ ScQRPions please. To order send \$5.00 total to:

.  
Bob Hightower KI7MN  
1905 N. Pennington Drive  
Chandler, AZ 85224-2632

.  
Isn't it great that the clubs are starting to come forward and provide the kits for the rest of us to enjoy. The NJ Club has the Fireball, Ft. Smith the VE3DNL Marker Generator, the AZ ScQRPions the 2N2/40 board kit, NorCal has its capacitor and resistor kits, and a whole lot of building is going on. Thanks to all of the guys who are making these kits happen, it is what QRP and having fun is all about. But guys, don't hesitate, order now while the kits are available. The supply is not infinite, and it will go away. Act now, you'll be glad you did.

72, Doug, KI6DS

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Date: Mon, 24 May 1999 16:48:58 -0500  
From: Chuck Adams <adams@ticnet.com>  
To: bkassel@dancris.com  
Cc: qrp-1@lehigh.edu  
Subject: [41285] Re: Annouincement: 2N/40 Silkscreened Boards - \$5.00!  
Message-ID: <3.0.3.32.19990524164858.0068c398@pop3.ticnet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

Now this is what being a QRPer is all about. Help at every turn and at a good price.

So, in order to complicate matters let me throw in the following offer. I'll send to Bob Hightower 100 sets of 5 crystals at 4.032MHz.

I'll match these puppies within 20Hz or better and put them in coin envelopes so that Bob only has to pop them in the envelope with the board material. I'd ask that Bob charge an additional \$4 for the crystals. Again, all proceeds go to make Tuthill a bigger and better gathering and to guarantee that the AZ gang doesn't get stuck with money out of their own pocket.....

NO, you can not get them from me. In two days, after I get them all matched, they are in the priority mail box to Bob and I won't have any left. I want everyone to pay for them so that they do not wind up in a junk box somewhere never to be used. The purpose here is to get them into a rig and used.....

Remember this are only enough for 100 sets and they go to those going to build the 2N/40 XCVR. Let's get a high rate of working rigs on this project gang and support those helping the others get the parts.....

WARNING: there is one thing that if you order these crystals from Bob (oh, did I say he doesn't know about this deal yet....). The original VFO Jim, K8IQY, had goes from 2.085-2.185MHz. You'll have to move it to 2.968-3.068MHz and hopefully you have learned enough to do this. Someone within a week will probably have the mods to move the VFO to the exact frequency range needed.... Don't beat on Jim for extra work. He'll have enough to do in the fall when postings start up. Last I heard the summer months are travel months for Jim around the country and everyone will be playing

Easter egg hunt and gathering the parts for some time anyway....

There is some other stuff brewing on the sidelines also, but that's for those ambitious parties to announce when the time is right.... So get your 2N/40 filter inline if you want to skip the postings. :-)

FYI

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo> CP-60

-----  
Date: Mon, 24 May 1999 17:50:03 -0400  
From: david fouchey <dafouchey@home.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [41286] Re: Best 2MHz SW Band?  
Message-ID: <3749C98B.D7AB0180@home.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I would have to agree with the seeming consensus here abouts..5.7-7.7 MHz. as giving the best bang for the buck as it were.

Graham Firth wrote:

>  
> Hi  
> In the UK, I'd go for 5.7 to 7.7MHz - gives two SW bands (41 & 49m) + the 40m  
> ham band.  
> 72/3  
> Graham  
> G3MFJ/W3MFJ

-----  
Date: Mon, 24 May 1999 15:14:40 -0700  
From: Bob Hightower <ki7mn@extremezone.com>  
To: adams@ticnet.com  
Cc: qrp-l@lehigh.edu  
Subject: [41287] Re: Annouincement: 2N/40 Silkscreened Boards - \$5.00!  
Message-ID: <199905242208.PAA24784@enterprise.extremezone.com>

Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 04:48 PM 5/24/99 -0500, Chuck Adams wrote:

>  
>  
>Gang,  
>  
>Now this is what being a QRPer is all about. Help at every  
>turn and at a good price.  
>  
>So, in order to complicate matters let me throw in the following  
>offer. I'll send to Bob Hightower 100 sets of 5 crystals at  
>4.032MHz.  
>  
>I'll match these puppies within 20Hz or better and put them in  
>coin envelopes so that Bob only has to pop them in the envelope  
>with the board material. I'd ask that Bob charge an additional  
>\$4 for the crystals. Again, all proceeds go to make Tuthill a  
>bigger and better gathering and to guarantee that the AZ gang  
>doesn't get stuck with money out of their own pocket.....  
>

So, this will mean a slight delay in shipping the boards, UNLESS you don't want the crystals. Those of you who have already sent checks, please send me an e-mail saying that you have done so, and send another one for the \$4.00. I'll match the two checks up and get the whole shebang off to you in one package.

If you don't want the crystals, include a note with your check (Hope I don't mess this up :^)), and I'll send the board only.

Thanks, Chuck, this will help a lot.  
72,73  
Bob Hightower KI7MN

<http://www.extremezone.com/~ki7mn>

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End of QRP-L Digest 1467

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